

*Presentation
for the*

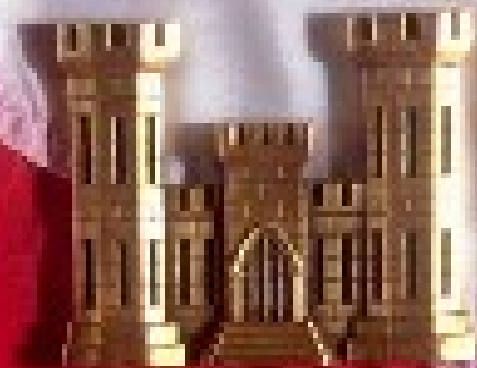
***Mississippi River
Commission
Low-water Inspection Trip***

by

Colonel Robert sinkler

Commander, Rock Island District

August 15, 2006





US Army Corps
of Engineers®

Rock Island District



- 78,000 square miles
- Portions of 5 states
- River Systems Include
 - Mississippi
 - ◆ Des Moines
 - ◆ Iowa
 - ◆ Rock
 - ◆ Illinois
- Operate 582 miles of 9-foot navigation channel
- 20 locks and dams
- 5 flood control reservoirs

One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers®

Topics of Discussion



One Team: Relevant, Ready, Responsive and Reliable

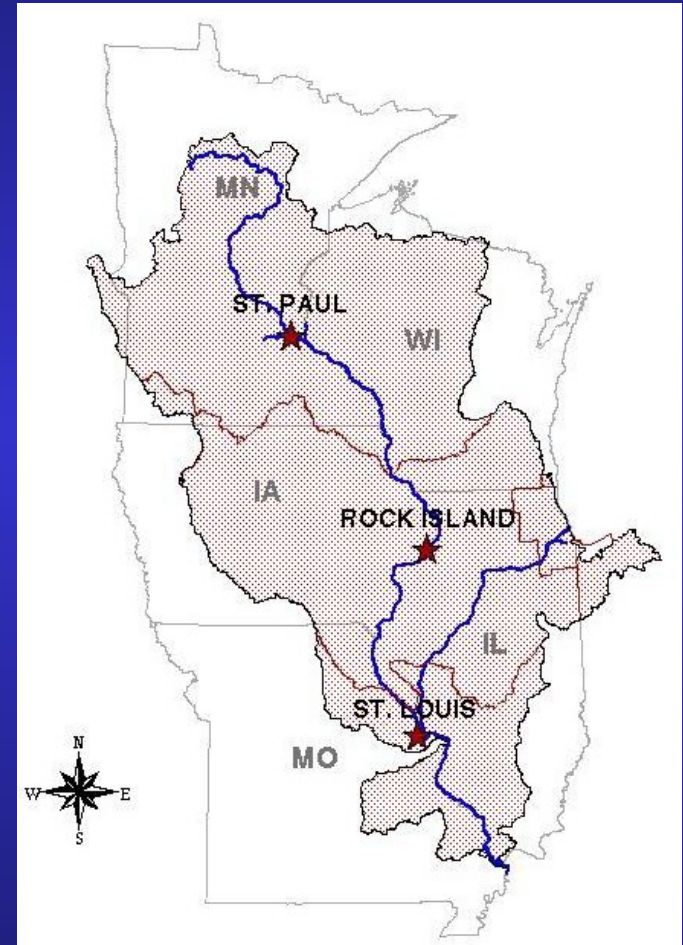


US Army Corps
of Engineers®

Upper Mississippi River Comprehensive Plan



- The plan has revolutionized the way we're able to evaluate flood flows, flood-water storage & floodway conveyance.
- For the first time ever, the entire Upper Mississippi River basin has been analyzed on a statistical frequency basis. Flow frequencies help us examine the system & determine flood damages & impacts at varying levels, such as the 100-year or a 500-year flood event.



One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers®

Upper Mississippi River Environmental Management Program



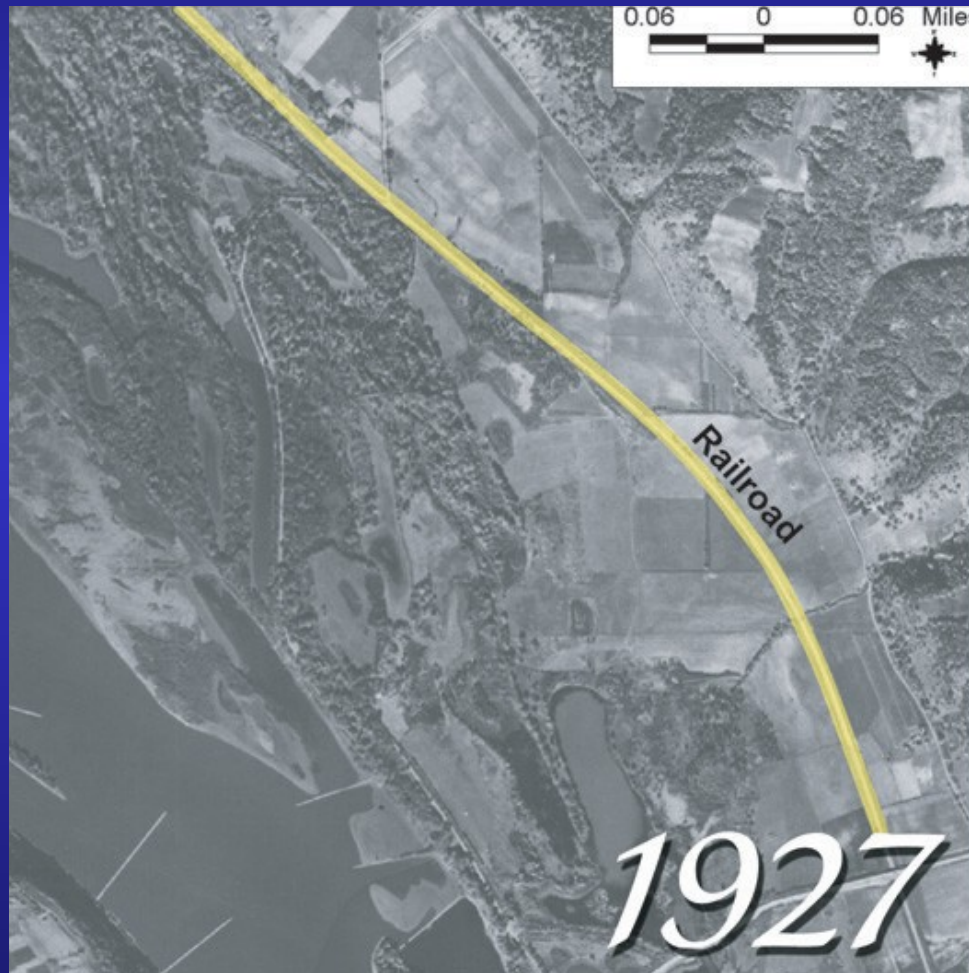
One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers®



Pool 11 Islands Habitat Rehabilitation & Enhancement Project



One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers®



Pool 11 Islands Habitat Rehabilitation & Enhancement Project



One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers®



Pool 11 Islands Habitat Rehabilitation & Enhancement Project



One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers®

Lock & Dam 11



One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers®

Backlog of Maintenance



One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers®

Budget Reductions on the Mississippi River Project



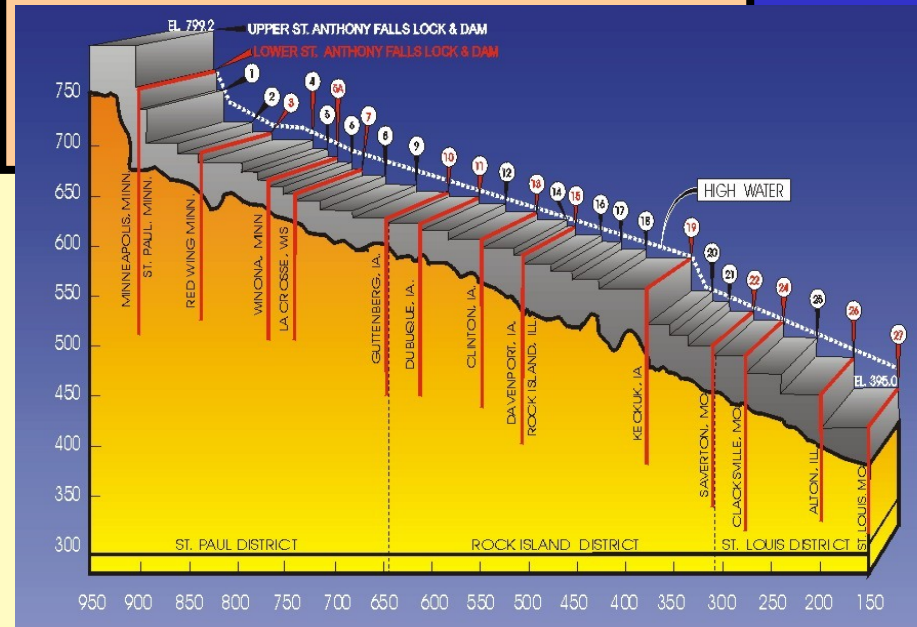
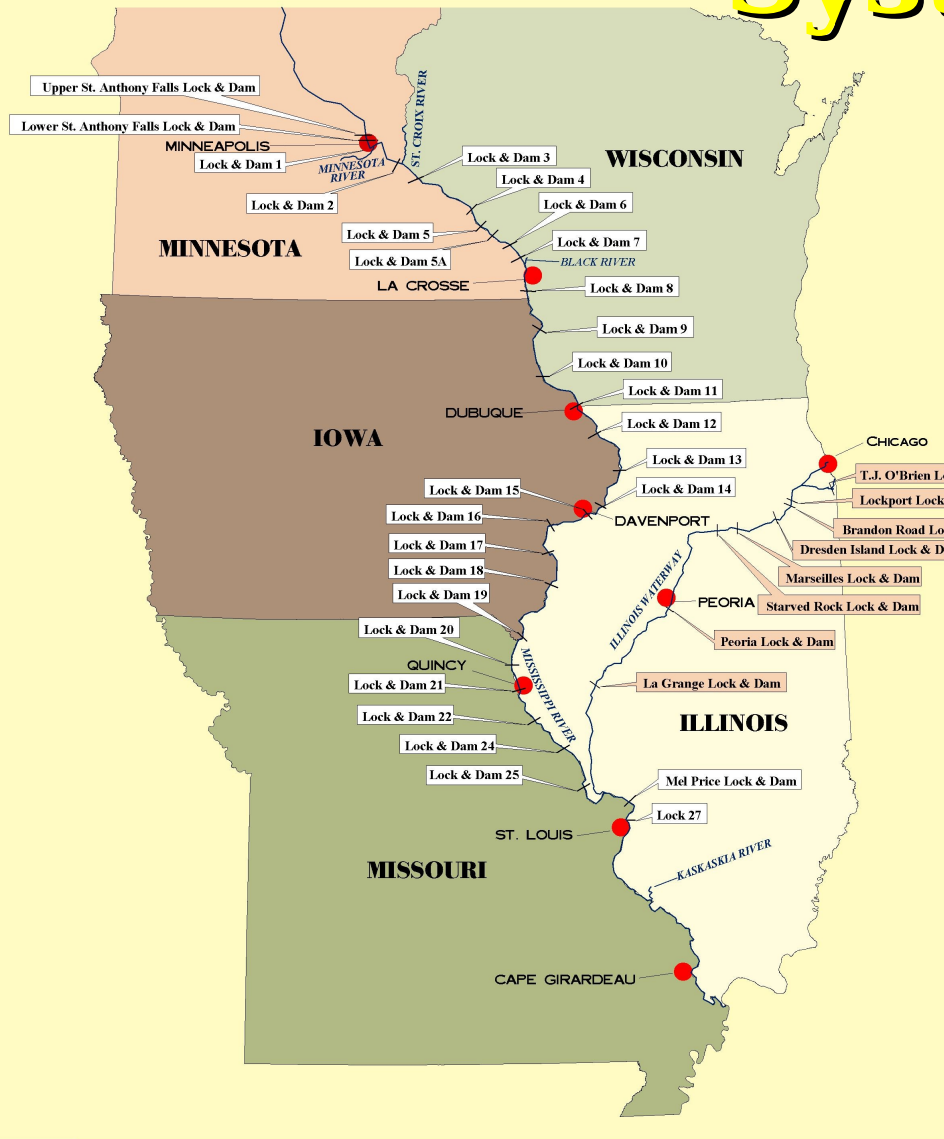
- Mississippi River Project FY07 budget amount: \$37,208,000
- \$10,036,000 is needed to continue at current operations level
- Potential reductions in services for FY2007:
 - Backlog maintenance & routine maintenance
 - Dredging
 - Some ongoing contracts cancelled
 - Lock operating hours
 - Natural resources
 - Recreation
 - Stream gaging
 - Workforce
- Existing Maintenance Backlog:
 - Major maintenance @ L/D 11
 - Major maintenance @ Lock 19
 - Drainage ditch maintenance
 - Rehab L/D 15 hydropower turbine
 - Dredged material placement site
 - L/D 18 dam concrete design
 - Lock 21 miter gate replacement



One Team: Relevant, Ready, Responsive and Reliable

Upper Mississippi River System

- 37 Lock Sites
- 1,200 Miles of River
- Significant Ecosystem (2.7 million acres)



Upper Mississippi River

Navigation and System Sustainability Program



Artist's Rendition

Upper Mississippi River

Navigation and System Sustainability Program

**Fish Passage at Lock & Dams 4, 8, 22, 26, and
Initial Engineering & Design at 19**



***Ottertail River at Breckenridge,
Minnesota***

Rock Island District

